



## QUALITIES OF BROWN SWISS

Not the Least Pleasant Feature in Connection With Breed Is Unusual Freedom From Disease.

We are milking in our dairy about 120 cows, about 75 per cent. of which are full blood or grade Swiss cows, as from our experience we have found them more persistent milkers than other breeds and they keep in better condition on the same feed, and, all around, are the most satisfactory cows we have been able to obtain. The herd average of milk is 4.2 per cent. Of course, we have found what we considered unprofitable cows



Brown Swiss Cow.

among the Swiss cattle, but by judicious weeding have attained a standard of excellence of which we are proud, says a writer in an exchange.

Not the least pleasant feature in connection with the breed is its freedom from disease. All the cows in our herd are subjected to tuberculin test before being introduced into it and are annually tested after becoming a part of it.

It is a remarkable fact that while ten per cent. of all the common cows that we have intended to put in our herd since we commenced testing have reacted, not two per cent. of the Swiss grades and full bloods have reacted.

As a farmer's cattle I think the Brown Swiss cattle are unexcelled; as a cattle to grade up native cows they are most prepotent; and I am satisfied that their more general introduction among the common herds of the country will certainly help to improve materially the quality of the dairy cattle.

## KNELL OF OLD STYLE PAIL

Farmers Who Apply Intelligence and Scientific Methods to Their Ventures Prove Merit.

A wonderful system of ventilation has been devised for dairies, and its general adoption by all farmers who apply intelligence and scientific methods to their ventures proves its merit. But pure air alone is not sufficient for the cow barn. No dust must be permitted to accumulate, the barns should be kept in perfect sanitary form, and the animal must be subjected to frequent cleaning operations. Scientists have sounded the knell of the old-fashioned milk pail with its flaring edges. The small-topped pail is in favor. It offers less of an opening for bacteria that may fall into the milk during the process of milking.

Some bacteria invariably are found in milk. The laboratory shows, however, that these germs are beneficial rather than injurious to the human consumers. But the presence of bacteria directly traceable to filth and insanitary conditions is at once a source of danger and a signal for medical warfare on the undesirable dairy.

"Keep the cow stable as neat and as clean as the kitchen," is the slogan of the most progressive dairymen. They are in the ascendancy. The careless, old-fashioned dairymen sees plainly the handwriting on the wall.

## Keeping Milk.

The best method for keeping milk is to keep it from the air, as many bacteria get into milk from the air. The bacteria in warm milk are in the ideal medium for growth and reproduction. A variety of bacteria reproduce by division, and a generation of bacteria may grow in 20 minutes. As thousands of bacteria can play hide-and-seek through a needle's eye, one can appreciate the number contained in a drop of milk. They cannot grow and multiply if the milk is kept cool.

Cleanliness Among Stock. Cleanliness is next to godliness—and ahead of it with the milk inspector.

A cow appreciates punctuality in milking, as much as a man does in meals.

Heifer Calves. Save all the good heifer calves as they come on, and keep them growing from start to finish. They will soon grow to be producing animals, and young cows with their first calves at their sides are in strong demand everywhere.

Overlooked Opportunities. In certain states dairy farming is easy, but the surprising fact in this connection is that where the disadvantages are least the people show the least interest.

Cow in Farm Profile. The farmer who makes the best profit with his cows and the largest crops from the farm is the most successful, provided, of course, he does this without too great an expense.

Pasture for Calves. The calves will need pasture for best results. If possible set a Bermuda pasture for the calves, colts and lambs. It will doubtless prove the most profitable acres on your farm.

## IMPORTANCE OF COW TESTING

Careful Study of Records of Herds in Test Indicate That Silage Is Very Essential.

The Bureau of Animal Industry of the Department of Agriculture has two men specially engaged in giving assistance to state officials in organizing and conducting cow-testing associations. During the last fiscal year 33 new associations were formed and seven were discontinued. There are now 51 such associations in this country, the greater number of which the dairy division has been instrumental in organizing. These 51 associations comprise about 40,000 cows. An official of the dairy division in talking of the work in this direction, showed a record of two herds in one of the associations as an interesting example of what is being accomplished in enabling farmers to keep records of cost, production, etc., and to detect and remedy any shortcomings. In herd No. 1, 3,297 pounds of milk were produced at a cost of \$51.04 for feed, while in herd No. 2, 5,482 pounds of milk were produced at a cost for feed of \$55.21. The former made a profit of \$76.22 per cow, while the other made a profit of only \$8.55 per cow. The more profitable herd was fed an abundance of silage, while to the other no silage was fed. This, of course, is not the only reason for the difference; however, a careful study of the records of these herds indicated that silage is very essential. The owner of the unprofitable herd has been living next to a man who had a silo for a number of years, yet he did not realize its usefulness until he saw these figures, after which he built a silo at once.

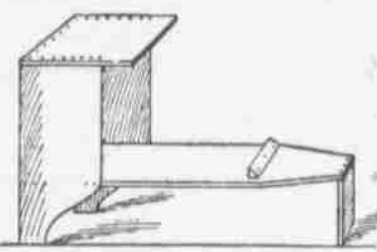
## HOME-MADE MILKING STOOLS

Two Handy Devices Shown in Illustrations Will Prove of Satisfaction to the Milker.

(FROM THE WISCONSIN AGRICULTURIST.)

We illustrate two types of milking stool, both of which will give satisfaction to the milker.

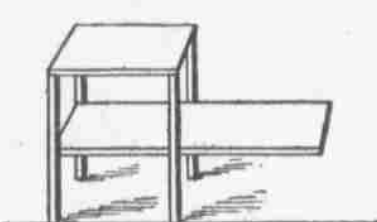
The stool shown in the upper picture is the kind used by Mr. G. H. Smith of La Farge, Wis., who sent in the drawing. It serves as a seat and



Smith's Milk Stool.

a solid shelf for the pail. This stool has a leg or support at the outer end of the milk pail shelf.

The stool in the lower picture is the kind used by the editor of the Agriculturist for years. We had several of these stools and found them most convenient and comfortable. We gave them a good scrubbing once a week.



Comfortable Milk Stool.

and when not in use they were hung up in the stable. The space under the seat was used to hold a damp cloth which was used on each cow's udder before milking.

Whitewash for Cow Stable. In preparing whitewash for the walls, ceilings, posts of the cow barn, etc., it is best to add some antiseptic. Slack the fresh stone lime by adding water gradually and stirring it until it is a smooth, thick creamy body. Add a pint of crude carbolic acid for every ten gallons. If it is to be put on by hand, it needs only a little more thinning with water. But if it is to be applied by a spray pump, much more water is needed, and the wash must be strained through a cloth. The whitewashing should be done when the cows are not in the room. The doors and windows should be open to allow rapid drying. Ordinarily, it is not necessary to do the whitewashing oftener than every six weeks through the winter season, but let the fall application be done and very thoroughly.

Buying a Dairy Cow. It is a mistake to buy a cow for the dairy herd solely on the recommendation that she is an "easy keeper," meaning, of course, that she will consume but little feed. The only cow worth having in the dairy herd is one that has the room and ability to change a large amount of feed into butter fat, the more the better.

## DAIRY NOTES

The less filth in the cream, the longer it will remain sweet. The way to absolutely know what a cow is doing is to weigh and test. The feed and feeding is the first important point in successful dairying. The heifer calf is a cow in the making. Handle and feed her accordingly. Remember that the cold rain is harder for the cow to stand than dry cold weather. Care should be taken that the cow does not have to wade through filth in the barnyard. To obtain a maximum supply of milk, small pastures, allowing frequent changes of feed, should be provided. From being a winter feed for dairy cows silage is coming to be an all-year-round feed for all kinds of stock. The best dairy cow is the one that will convert the forage raised on the farm into the greatest amount of butter fat. That cows like a change of feed is shown by the way they will eat rotten hay, pull out old straw from the sheds, etc.

## CLOUDS ARE LIKE SNOW PEAK

Heavens at Certain Time of Day Resemble Gigantic Glaciers in the Alps.

Berne, Switzerland.—Whoever has traveled in the western states or in Europe knows the beauty and understands the fascination of snow mountains.

At places like Pau, from which on a clear day the whole range of the Pyrenees is visible, or Bern, from which, when the weather is favorable, can be seen the glaciers of the giants among the Oberland Alps, at such places travelers will wait for hours and even for days for the clouds to lift in order to see this sight which is so wonderful. Yet I have often observed at home great white clouds heaped on the horizon which had the same majestic beauty as a distant view of the Alps, the Pyrenees or the Rockies. And no one has stopped to look at them twice or to admire them.

The rosy glow on the Alps at sunset, to see which people will even desert their dinners, the pink glow of



In the Shadow of the Ice Mountains.

sunrise that entices them from their beds in the small hours of the morning—these sights which are so enchanting in their loveliness are surpassed by the coloring of the mountainous cumuli that without going a step out of your way you may frequently see at evening in the western sky.

This thought which has so often passed through my mind was recalled by a sentence written by Sir Francis Younghusband in a book describing Kashmir: "Early in September the atmosphere has been freshened and cooled by the rains which, though they fall lightly in the valley itself, are often heavy in the surrounding mountains. The sun is still powerful in the daytime and the sky unusually bright and clear. But the monsoon will often make a few final efforts. One such day I noted when voluminous masses of cloud rolled up behind the Pir Panjal to a height of twenty-five or thirty thousand feet, their western edges aglow from the setting sun, and showing clear and distinct against the background of pinky blue sky, while the great main volume remained dark, heavy and somber, with now and then a spilt of lightning flashing out, and on the far side, away from the setting sun, threatening tentacles stretched out across the valley in unavailing effort to reach the mountains on the northern side. Under these mighty monsoon masses even the great mountains looked dwarfed and puny. It was a great and final effort of that stupendous natural phenomenon on which bears the waters of the Indian ocean to beat upon the Himalaya."

Nothing could give to people who have never seen a mighty range of mountains a better idea of their appearance than the great clouds that pile themselves just above the distant landscape. The soft, rounded summits are more beautiful than the sharp, outlines of the mountain ridges, but the mountains are so often veiled in clouds that the similarity of effect is striking, and often in the neighborhood of some great snow covered range one is uncertain whether it is the actual heights or the clouds that one perceives from a distance.

## MAN SHIFTS WIVES FOR CAKE

Because of It Richard Davis of Macon, Ga., Is Divorced and Wedded the Same Day.

Macon, Ga.—Richard Davis, Jr.'s, inordinate fondness for cake is responsible for his divorce and remarriage in the same day. Incidentally he got his cake at the hands of the second Mrs. Davis.

At twelve o'clock Davis appeared in the divorce court dressed as if he was going to a party and obtained his divorce.

At six o'clock that evening Davis was in matrimonial chains again, his partner being Mrs. Lena Hugely, but this time there was a cake condition attached to the marriage.

Davis told the jury he and his wife fell out about sweets. One day he brought home with him a dozen eggs and asked her to bake him a cake. When he handed over the eggs she slammed them back at him with a force that smeared his face and ruined his clothes.

## WET CHEMICALS FOR FUEL

Inventor Thinks He Has Found Substitute for Coal—Liquid Used to Heat Boiler.

Darby, Pa.—After working on the principle for a long time, George Smith, a well known hot water heater expert, believes he has perfected a compound that will do away with coal as a medium for heat.

Smith's invention, which he says will heat a house at a temperature of 70 degrees in winter and maintain it at that in the coldest winter weather, is an elaboration of the principle of heat generation in water by chemical combustion.

The best units generated play on a wrought iron boiler. Instead of cast iron, and thus have the advantage of heating water quicker, because this metal is not as thick and yet it is stronger than cast iron. Once the water is heated to a certain point it begins to circulate through the pipes.

## HOW GIRLS MAY AVOID PERIODIC PAINS

The Experience of Two Girls Here Related For The Benefit of Others.

Rochester, N. Y.—"I have a daughter 13 years old who has always been very healthy until recently when she complained of dizziness and cramps every month, so bad that I would have to keep her home from school and put her to bed to get relief."

"After giving her only two bottles of Lydia E. Pinkham's Vegetable Compound she is now enjoying the best of health. I cannot praise your Compound too highly. I want every good mother to read what your medicine has done for my child."—Mrs. RICHARD N. DUNHAM, 811 Exchange St., Rochester, N. Y.

Stoutsville, Ohio.—"I suffered from headaches, backache and was very irregular. A friend advised me to take Lydia E. Pinkham's Vegetable Compound, and before I had taken the whole of two bottles I found relief. I am only sixteen years old, but I have better health than for two or three years. I cannot express my thanks for what Lydia E. Pinkham's Vegetable Compound has done for me. I had taken other medicines but did not find relief."—Miss CORA B. FORNAUGH, Stoutsville, Ohio, R.F.D., No. 1.

Hundreds of such letters from whole girls expressing their gratitude for what Lydia E. Pinkham's Vegetable Compound has accomplished for their daughters have been received by the Lydia E. Pinkham Medicine Company, Lynn, Mass.

## CONSTANT DRAIN ON NATION

Cost of Tuberculosis and Other Preventable Diseases Has Been Put into Figures.

While state commissions and other bodies are trying to find a method for reducing the cost of life insurance, Prof. James W. Glover of the University of Michigan demonstrates that every policy-holder of a \$10,000 ordinary whole life policy could save about \$20 a year on his premiums if tuberculosis and typhoid fever were eliminated. Tuberculosis alone causes a loss to such a policy holder of from \$16.70 at twenty to \$17.50 at the age of sixty. At age of twenty, with the present high death rate from tuberculosis, this one disease alone shortens the complete expectation of life by two years and 158 days. While the death rate from tuberculosis seems to be declining, the National Association for the Study and Prevention of Tuberculosis says that the combined effort of every man, woman and child is necessary to bring about a radical reduction in life insurance rates such as Professor Glover has indicated.

## Law of Life.

Two men were out walking one day in sun-kissed California. Suddenly, kissing time being over, it began to rain in torrents, and they were miles from the car line. One man laughed, long and loud. The other wept bitterly. "Why do you laugh?" he asked his chuckling companion. "Because I am paying meter rates on water. But why do you weep?" "Because I am paying \$10 a day for climate," replied the tourist. "One man's meat is another man's meat bill."

## IT IS CRIMINAL TO NEGLECT THE SKIN AND HAIR

Think of the suffering entailed by neglected skin troubles—mental because of disfigurement, physical because of pain. Think of the pleasure of a clear skin, soft, white hands, and good hair. These blessings, so essential to happiness and even success in life, are often only a matter of a little thoughtful care in the selection of effective remedial agents. Cuticura Soap and Ointment do so much for poor complexions, red, rough hands, and dry, thin and falling hair, and cost so little, that it is almost criminal not to use them. Although Cuticura Soap and Ointment are sold everywhere, a postal to "Cuticura," Dept. L, Boston, will secure a liberal sample of each, with 32-page booklet on skin and scalp treatment.

## One Man's Way.

"Is Brimmon a man who makes the best of what befalls?" "No. When things go wrong Brimmon starts to swearing and soon becomes so interested in thinking up new forms of profanity that he forgets all about his troubles." A very successful remedy for pelvic catarrh is not douches of Paxtine Antiseptic, at druggists, 25c a box or sent postpaid on receipt of price by The Paxton Toilet Co., Boston, Mass.

## Eight Lives Shy.

"I have only one life to live." "That proves that you are not a cat, after all."

## TO DRIVE OUT MALARIA

Take the old standard GILBERT'S CASHEL'S POWDER. You know what you are taking. The formula is plainly printed on every bottle. It is a strong, reliable and from a tasteless form, and the most effective form. For grown people and children. 10 cents.

It's a question whether women grow old, or merely catch up with their age.

The old friend is better than the new. Garfield Tea is not only old but tried and found true. Made of pure wholesome herbs.

Is it possible for a man to be straight and make both ends meet?

## IN THE KINDERGARTEN.



"Now, Willie, why do bees swarm—what is the cause of it?" "Oh, simply bee cause, I guess."

## "I'M ONLY A LITTLE GIRL"

Falling Eyesight Responsible for an Old Man's Mistake—Rebuke Hardly Effective.

A certain group of youngsters in an exclusive West Side residential section had been very noisy throughout the forenoon.

The children were still doing their utmost to imitate a bedlam, when a very angry old man appeared at the door of a nearby apartment house. He was quite old, and it was evident that his eyesight was not the best, but he finally succeeded in picking out a youngster who was aiding very strenuously in the noise making.

The aged man walked over to the child, took it by the hand and walked back to the apartment. When he reached the doorway he turned to the child and said:

"Don't you know it's against the law to make so much noise?"

"Yes, sir," was the meek reply.

"Well, don't you know that you'll be arrested and put in jail, and then you can never be president of the United States?"

"Please, sir," replied the child, "I don't care; I'm only a little girl."—New York Mail.

## TO MAKE SURE.



Miss Hascogne—Er before announcing our engagement, count, I-I think perhaps it would be more satisfactory if you had your-er-tile guaranteed.

## Not Reliably Informed.

The gentleman who were evening clothes and the remnants of a jag at 9 o'clock in the morning was clinging to the footboard of a crowded surface car in Chicago. As the car rounded a sharp curve with a jerk the person in incongruous apparel fell quickly and heavily to the cobblestones. He was picked up by the strong hands of the conductor and about 20 passengers.

"Collision?" he asked in a dignified one of voice.

"No," said the conductor.

"Off the track?" further questioned the victim of the accident.

"No," said the conductor.

"Well," concluded he of the jag, "if I had known that I wouldn't have got off."—Popular Magazine.

## The Worm's Way.

"The Hon. Stephen Coleridge, the English anti-vivisectionist," said an anti-vivisectionist of Philadelphia, "is delighted with the recent English vivisection report, which promises to abolish even the use of live bait in fishing."

"Mr. Coleridge once argued here in Philadelphia about the cruelty of fishing with worms."

"Oh," his opponent said, "the mere fact that a worm writhes and wriggles when impaled on a hook is no proof that it is actually suffering pain."

"No, oh, no," said Mr. Coleridge, sarcastically. "Beyond doubt that is just the worm's way of laughing at being tickled."

## Less and Less.

"This is a great age we are living in," said Brinkley. "We have smokeless gunpowder, horseless wagons, wireless telegraph—"

"Yes," interrupted Cynicus, "and we have moneyless foreigners coming here and contracting loveless marriages with heartless heiresses."—Judge.

## Piecing Out.

"Writing a story?" the caller asked the busy author.

"Yes, in dialect."

"I didn't think you ever made use of dialect."

"I don't, as a rule, but I have to now. Several letters are broken on my typewriter."

Hundreds of people who would be horror-stricken at the suggestion of suicide by the rope-and-rat method, are daily killing their best selves with the poison of self-pity.

If every lie in the world were nailed there wouldn't be enough nails left to build houses with.

**900 DROPS**  
**CASTORIA**  
ALCOHOL—3 PER CENT.  
Vegetable Preparation for Assimilating the Food and Regulating the Stomachs and Bowels of  
**INFANTS & CHILDREN**  
Promotes Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral  
**NOT NARCOTIC**  
Recipe of Old Dr. SAMUEL PITCHEE  
Pumpkin Seed—  
Aloes—  
Sulphate of Soda—  
Syrup—  
Castor Oil—  
Glycerine—  
Perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and Loss of Sleep.  
Fac-Simile Signature of  
*Chas. H. Pitcher*  
THE CENTAUR COMPANY,  
NEW YORK.  
At 6 months old  
35 Doses—35 CENTS  
Guaranteed under the Food and Drug Act.  
Exact Copy of Wrapper.

**CASTORIA**  
For Infants and Children.  
The Kind You Have Always Bought Bears the Signature of  
*Chas. H. Pitcher*  
In Use For Over Thirty Years  
**CASTORIA**  
THE CENTAUR COMPANY, NEW YORK CITY.

**FOR PINK EYE**  
Cures the skin and acts as a preventive for others. Liquid given on the tongue. Safe for brood mares and all others. Best remedy; 50 cents and \$1.00 a bottle; \$5.00 and \$10.00 the dozen. Sold by all druggists and horse goods houses, or sent express paid, by the manufacturers.  
**SPOHN MEDICAL CO., Chemists, GOSHEN, INDIANA**

## BIG FORTUNE WELL HANDLED

Millions Left by the Late Russell Sage Are Being Expended for the Welfare of Humanity.

While the late Russell Sage was in the flesh he was one of the most prudent, shrewd and persistent money-grubbers in Gotham. The astute financier never plunged nor risked any money in wild-cat schemes. He was a "sure-shot" operator in Wall street, and when he died he left in the hands of his lone widow a fortune of something like \$75,000,000. Since becoming possessed of this enormous fortune she has worked as persistently and assiduously in scattering the money as her husband did in gathering it. The scriptures tell us that the miser is the man that "heaps up riches and cannot tell who shall gather them." Russell Sage knew better; and the good lady upon whose shoulders was imposed the burden of this enormous sum of money has worked hard in lightening the burden. Her philanthropies have been productive of as much wisdom as marked her husband's operations in the market. She is reported to be failing in health, and her task is only begun. Should she be taken from the world through illness she will regret her departure, and it is very earnestly to be hoped that further care of the property will fall into good hands.

## A Fine Distinction.

The friend of the city editor was being initiated into the mysteries of modern journalism.

"How large a staff have you?" he asked.

"Let me see," mused the city editor. "We have about fifty men, five women and three society reporters."

—Judge.

## Slightly Puzzled.

"Say, pa?"

"What is it?"

"Which union does a jack of all trades belong to?"

## ADVICE TO THE AGED

Age brings infirmities, such as sluggish bowels, weak kidneys and torpid liver.

**Tut's Pills**  
have a specific effect on these organs, stimulating the bowels, gives natural action, and imparts vigor to the whole system.

**WANTED ACTIVE MAN IN EACH LOCALITY** To join this Society, place, avoid death benefits. All introduce our Memberships. All or spare time. \$10 to \$500 month. Write for plans. 205 2d St., COVINGTON, LA.

W. N. U., MEMPHIS, NO. 24-1912.

**Here's The Road to Comfort**  
A vanished thirst—a cool body and a refreshed one; the sure way—the only way is via a glass or bottle of  
**Coca-Cola**  
Ideally delicious—pure as purity—crisp and sparkling as frost.  
Free Our new booklet, telling of Coca-Cola's visitation at Chattanooga, for the asking. Demand the Genuine as made by  
**THE COCA-COLA CO., ATLANTA, GA.**

**You Look Prematurely Old**  
Because of those ugly, grizzly, gray hairs. Use "LA GREOLE" HAIR DRESSING. PRICE, \$1.00, retail.